<u>S/N 10/822,229</u> <u>PATENT</u>

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Peter G. Brown Examiner: Kasenge, Charles R.

Serial No.: 10/822,229 Confirm. No.: 1324

Group AU: 2125 Docket No.: 3714.1000-000

Filed: April 9, 2004

Title: The Use of Sub (Partial) Cycles, Nested Cluster Cycles, and Lot Cycles for

Determining Equipment Capacities in a Batch Manufacturing Facility

AMENDMENT AND RESPONSE UNDER 37 CFR § 1.111

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

This Amendment is in response to the Office Action mailed from the U.S. Patent and Trademark Office on July 14, 2006.

This response is accompanied by a Petition, as well as the appropriate fee, to obtain a three-month extension of the period for responding to the Office Action, thereby moving the deadline for response from October 14, 2006 to January 14, 2007.

Please amend the above-identified patent application as indicated below.